

WHAT IS CLAIMED IS:

1. An isolated peptide recognized by an ALLMOTI5, 107x178x4 or a PLZIP sequence search motif.
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2. The peptide of Claim 1 wherein the peptide corresponds to a peptide present in a virus.
3. The peptide of Claim 2 in which the virus is
10 HIV-1 or HIV-2.
4. The peptide of Claim 2 in which the virus is a respiratory syncytial virus.
- 15 5. The peptide of Claim 2 in which the virus is a human parainfluenza virus.
6. The peptide of Claim 2 in which the virus is an influenza virus.
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7. The peptide of Claim 2 in which the virus is a hepatitis B virus.
8. The peptide of Claim 2 wherein the virus is
25 an Epstein-Barr virus.
9. A method for the inhibition of transmission of a virus to a cell, comprising contacting the cell with an effective concentration of a peptide
30 recognized by an ALLMOTI5, 107x178x4 or a PLZIP sequence search motif for an effective period of time so that no infection of the cell by the virus occurs.
10. The method of Claim 9 wherein the virus is
35 HIV-1 or HIV-2.

11. The method of Claim 9 wherein the virus is a respiratory syncytial virus.

12. The method of Claim 9 wherein the virus is a human parainfluenza virus.

13. The method of Claim 9 wherein the virus is an influenza virus.

14. The method of Claim 9 in which the virus is a hepatitis B virus.

15. The method of Claim 9 wherein the virus is an Epstein-Barr virus.